

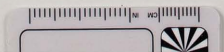
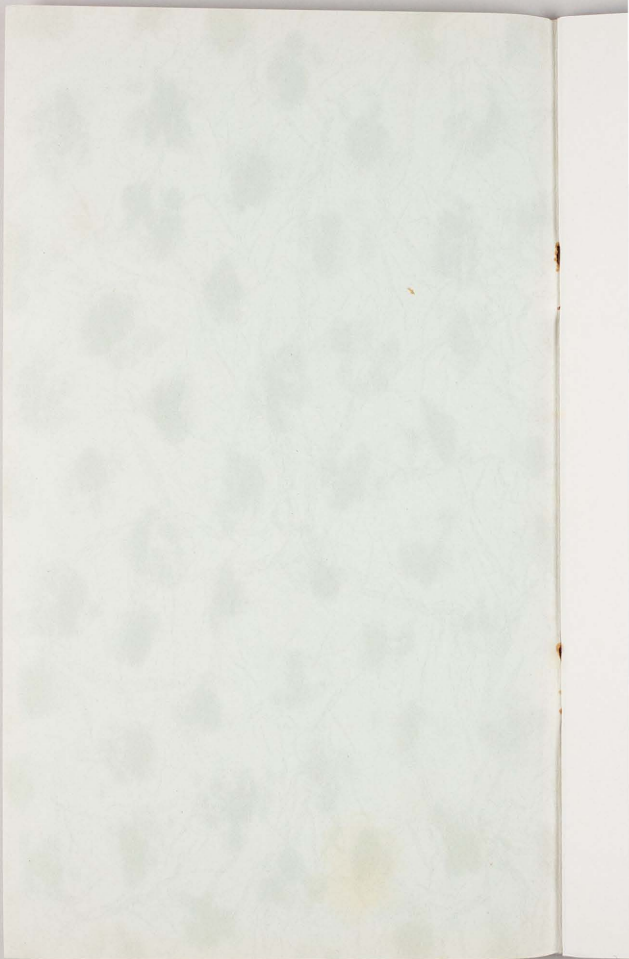
AIM Ann Report
1939 to 1940

ANNUAL REPORT
OF THE
AUCKLAND
INSTITUTE
AND MUSEUM
1939-40



Adopted at the Annual General
Meeting held on 29th May, 1940.

AIM Ann Report
1939 to 1940



ANNUAL REPORT
OF THE
AUCKLAND INSTITUTE
AND MUSEUM

For 1939-40

Adopted at the Annual General
Meeting held on 29th May, 1940.



AUCKLAND
1940

Staff of the Museum.

Director	GILBERT ARCHEY, O.B.E., M.A., F.R.S.N.Z.
Hon. Numismatist	J. C. ENTRICAN.
Hon. Curator of English China ..	C. REGINALD FORD, F.R.I.B.A.
Hon. Curator of Oriental Collections	CAPTAIN G. HUMPHREYS- DAVIES.
Hon. Entomologist	W. H. HEMINGWAY, LL.B.
Hon. Philatelist	VEN. ARCHDEACON W. J. SIMKIN.
Hon. Photographer	J. D. RICHARDSON.
Assistant Director	A. W. B. POWELL.
Botanist	LUCY M. CRANWELL, M.A., F.L.S.
Ethnologist	V. F. FISHER.
Assistant Ethnologist	OLWYN M. RUTHERFORD.
Assistant Zoologist	E. G. TURBOTT, M.Sc.
Education Officer	R. A. SCOBIE, B.A.
Librarian	M. C. CLELAND.
Bookkeeper and Typist	MURIEL PORTER.
Recorder and Typist	JOYCE BARTLEY.
Mechanic	EDWIN LEECE.
Taxidermist	C. W. DOVER.
Cabinetmaker and Joiner	FRANK QUAYLE.
Custodian	J. L. DAVY, D.C.M.

Attendants:

E. PIERARD, C. RANKEN, J. STEWART, E. W. THOMPSON,
H. G. HOLLAMBY.

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
1940-1941

President:

MR. W. A. FAIRCLOUGH.

Vice-Presidents:

MR. C. REGINALD FORD, F.R.I.B.A.
SIR CARRICK ROBERTSON, F.R.C.S.
MR. A. T. PYCROFT.

Council:

HON. T. BLOODWORTH, M.L.C.	MR. A. G. LUNN.
DR. HOLBROOK A. CHATFIELD.	MR. F. CROSSLEY MAPPIN.
MR. J. C. ENTRICAN.	MR. H. C. McCOY.
MR. A. H. JOHNSTONE, K.C.	MR. J. C. RENNIE.
MR. V. J. LARNER.	PROFESSOR H. W. SEGAR, M.A. F.R.S.N.Z.
SIR CECIL LEYS.	MR. E. EARLE VAILE.

Representatives of the Auckland City Council:

HIS WORSHIP THE MAYOR, SIR ERNEST DAVIS.
MISS ELLEN MELVILLE. DR. R. G. McELROY.
MR. J. W. KEALY.

Representatives of Local Bodies:

MR. S. DONALDSON. MR. S. W. HOUSE.
MR. A. MURDOCH.

Trust Board:

MR. V. J. LARNER (Chairman).	MR. A. G. LUNN.
MR. E. ANDERSON.	MR. KENNETH B. MYERS
SIR CECIL LEYS.	

Director:

GILBERT ARCHEY, O.B.E., M.A., F.R.S.N.Z.

AIM Ann Report
1939 to 1940



CHINESE EMBROIDERY, 13 feet x 10 feet.
Chien Lung Period, C. 1750 A.D. Purchased.



Reports to Members.

President.

The 72nd Annual Report of the Auckland Institute and Museum is presented while the Empire is engaged in a great war. The activities and services of the Museum, educational, scientific and cultural, form part of the abiding values of civilised life, and so it becomes a source of more than ordinary pleasure to be able to report that all these activities and services have been continued throughout the year, and in some cases even expanded.

It gives great pleasure to be able again to place on record how excellent has been the work of the Director and Staff of the Museum, besides those many persons outside the Staff who give with such cheerfulness and goodwill so much voluntary assistance in various departments of the Museum.

Membership.—At the commencement of the year there was a roll of 550 members. During the year we have lost by death, resignations and deletions, 21 members, but have gained, largely as the result of a special effort by the Members of the Council, 70 new members, leaving the present roll at 599, of whom 172 are life members.

Congratulations.—Congratulations are extended to Professor Bartrum on the award of the Hector Medal by the Royal Society of New Zealand for his distinguished research in geology. This award is warmly welcomed by Professor Bartrum's many friends in the scientific community.

Obituary.—We regret to have to record the loss by death of many valued members: Professor C. W. Egerton, who was President in 1909 and a member of the Council until 1920; Surgeon-Captain R. Buddle, Messrs. D. R. Caldwell, J. B. Macfarlane, W. O'Ryan, E. R. N. Russell, J. Rukutai, H. Tinne and H. Whitcombe. The death of Mr. James Rukutai is a loss which we share with our Maori friends of the Akarana Maori Association, for which he did so much.

Council.—During the year eight meetings have been held. There has been no change in elected members; Mr. Donaldson rejoined as a representative of Contributing Local Bodies; Mr. J. W. Kealy has enlisted and is shortly to proceed on active service.

AIM Ann Report

1939 to 1940

Staff.—Captain Humphreys-Davies, Honorary Curator of Oriental Collections, has left the Dominion to reside in England. He was entertained by members of the Council at an afternoon tea, when appreciation was expressed of his unselfish and valued services to the Museum. Mr. V. F. Fisher, Ethnologist, returned in August from a year's visit to the United States, where he was attached to the staff of the Buffalo Museum of Science.

The Museum.—We again have the pleasure of acknowledging important gifts to the Museum collections, and once more we have to thank old friends for continued generosity. With regard to Mr. E. Earle Vaile, for instance, we record that "this year's gifts" include valuable Maori carvings, important additions to the Library, a donation towards field work and a generous contribution to the purchase of an important Solomon Islands collection. Mr. W. Goodfellow also contributed liberally towards the acquisition of this collection. Captain Humphreys-Davies before leaving New Zealand liberalized his many previous gifts of valuable oriental arts by expressing the wish that the Council should lend parts of it from time to time for temporary exhibition in other museums. Mr. J. R. le B. Tomlin, of England, has presented a further set of important works on systematic zoology and history, and has also given a choice selection of early Worcester china, a particularly acceptable gift. Another important set of scientific books and papers are from the library of our late esteemed member, Mr. E. Phillips Turner, given by his son, Dr. R. G. Phillips Turner. To these gentlemen and to all other donors whose help is acknowledged in the staff reports and in the appendix grateful thanks are expressed.

Finance.—The suggestion made by His Worship the Mayor of Auckland that Local Bodies should increase their annual contributions received endorsement when the Auckland City Council gave an additional £100 and other Suburban Boroughs an additional £31/9/11. The Council is most grateful to Sir Ernest Davis for his initiative in this matter and to the Auckland City Council and other Suburban Boroughs for their practical support. The support to our finance given by the 70 new members is also most welcome.

Expenditure has been heavy, particularly in building maintenance, relaying linoleum and the purchase of new curtains; we have yet to pay for this year's library purchases, the arrival of books having been delayed by war conditions. General maintenance has been at the same level for a number of years, and it does

AIM Ann Report 1939 to 1940

not seem possible to reduce it, nor perhaps should we attempt to do so while adequate return is being received for expenditure. Six additional men were engaged for a time under subsidy from the Employment Fund, and much routine work thereby accomplished; but we have discovered that employment costs much more than just wages, and that even voluntary assistance calls for expenditure for materials.

In noting the apparently healthy balance of £1,124/10/5 in the general account, I have again to remind members that this is a bare annual necessity to provide for the "lean" months of April and June, and even this has been attained only by drawing £151/11/2 from the building reserve fund to meet exceptional expenditure.

For the Public.—The Institute and Museum has continued its service of providing public lectures on Sunday afternoons and Monday evenings, in setting up improved displays in the show cases and holding special exhibitions. The School Service has developed in many directions and is in keen demand in all schools. A tentative extension of the service to country schools has shown that this could, and should, become a regular activity if facilities and means were available.

The work of the Museum amongst the schools has received keen approval by school authorities, and in a report presented to the Auckland Headmasters' Association, "The School in its Relation to the Museum," detailed acknowledgment of the value of the work done is given. Under the heading of "Accommodation" the Report states: "Your Committee feels that the problem of accommodation must be a matter of real concern to the Museum Council. Our investigation shows that the important service to the Schools of the Province is being affected by the conditions under which that service must be given. Up to the present it has not been possible to provide an up-to-date Lecture and Demonstration Room, but it is apparent that this is an urgent necessity if the maximum benefit is to be derived from the comprehensive programme in operation.

Your Committee feels that the Auckland Headmasters' Association and in fact all Educational Bodies should co-operate with the Museum Council and urge the Government to join in providing the facilities referred to."

C. REGINALD FORD.

AIM Ann Report 1939 to 1940

Chairman, Trust Board.

A better margin of security has been attained in the two somewhat unsatisfactory mortgages mentioned last year by repayments of instalments of principal. Certain debentures have matured and new investments made, for which, however, the return will be reduced through the lower rates of interest now ruling. The securities may now all be regarded as satisfactory.

The invested funds now total £30,359, comprising £15,546 inscribed stock and debentures, £14,004 on mortgage, and £809 awaiting investment. Of the latter £522 has been invested since the closing of the accounts.

V. J. LARNER.

Director.

Institute Meetings.—Only five Monday evening addresses were given last year, the sixth, a symposium on Race and Nationality, having to be cancelled through those who were to have contributed being engaged on military duties. Members' thanks for a very interesting series of lectures are due this year to:—

Miss L. M. Cranwell, M.A., F.L.S.—“A Botanical Excursion to Hawaii.”

Professor Julius Stone.—“Law and Society.”

Dr. G. H. Cunningham.—“Aspects of Plant Protection.”

Dr. R. A. Millikan.—“A Scientist's Philosophy.”

Dr. C. R. Burns.—“Nutrition from the Physician's Viewpoint.”

The average attendance at lectures was 129.

Three ordinary meetings were also held, papers being read by Dr. K. E. Bullen, Miss L. M. Cranwell, Miss Olwyn Rutherford, and Messrs. A. W. B. Powell and A. G. Stevenson.

Sunday Lectures.—The Sunday afternoon lectures have now an accepted place in the community; they are regularly enquired for weeks before they are due, and are always extremely well attended. Both for the Museum and on behalf of the public, we thank the lecturers for their interesting afternoon talks:—

Mr. M. G. Lee.—“Life of Te Rauparaha.”

Professor A. Wall.—“The Viking Age.”

Mr. E. G. Turbott.—“The Wandering Monarch.”

Mr. O. Gore Adams.—“Life in Egypt.”

Miss O. Rutherford.—“Atoll Life.”

Mr. W. H. Hemingway.—“The White Ant.”

Miss O. L. G. Adams.—“Romance of the Heathlands.”

Anthropology and Maori Race Section.—Chairman, Mr. M. G. Lee; Hon. Secretary, Mr. R. A. Scobie.

The membership of the section remains at 55; the attendance at meetings was the highest for several years past. Papers or addresses were given by Mr. R. Scobie, Dr. W. S. Dale, Mr. H. Gatty, Mr. G. Graham, Mr. A. Stevenson, Mr. M. Lee, Mr. P. Smyth and Mr. E. M. Blaiklock. At the Social Evening a party of Maori guests co-operated in demonstrating Maori forms of welcome and other social customs.

Astronomical Section.—During the past year the observing section has continued to hold the ground won, its principal objective being to interest potential astronomers and to train them in astronomical observation. A number of bulletins were issued containing matter of interest. The personnel continues keen, observations being conducted at the observatory in Symonds Street, as well as at members' own homes. Two members at present are engaged in making their own reflecting telescopes; another has distinguished himself as a maker of eyepieces. One member is performing valuable work in the observation of variable stars, while another, under the secretary's direction, is computing the real paths of bright meteors from data on hand.

Papers were read by Mr. F. Batteson, Professor P. W. Burbidge, Mr. R. A. McIntosh, Mr. W. H. M. Blackwell, Mr. F. H. Sagar, and Dr. K. Kreielsheimer.

The Museum.—The public response to the opportunities and activities presented by the Museum is indicated by the following attendances: Visitors during the year, 140,557; school pupils, 21,885; flower show, 7,500; lectures, 2,081.

Among the gifts from Mr. Vaile already mentioned by the President, special interest attaches to an old Hauraki type of door lintel, to an unusual northern carved slab, and an old dog-skin cloak in which brown instead of the white hair predominates. Apparently the dog had a narrow brown stripe on the back, this portion being selected for the present cloak. The President has given pieces of English china and pottery and several books on early voyages, and Commander B. L. Hewitt, O.B.E., R.N., has presented a collection of Eastern ethnographica and has deposited a seventeenth century water clock; Mrs. J. P. Campbell has presented selected pieces of English and Continental porcelain; and important additions have been made by Mr. and Mrs. H. E. Maude to their previously deposited ethnographical collection from the Gilbert Islands. Lady Wilson has given a large Japanese

AIM Ann Report

1939 to 1940

cloisonne vase and two Kang Hsi vases in memory of our late member, Sir George Wilson; and Captain G. B. Palmer, N.Z.M.C., has deposited a series of medical and archaeological books.

Display.—All departments have made progress in the improvement of displays, following the principle of combining demonstration of relationships and ideas with harmonious arrangement of specimens. In the native bird hall we have compromised with strict systematic classification to the extent of exhibiting together birds of like habitat with simple accessories to suggest their environment. The appropriate atmosphere has also been successfully obtained in the fish displays and in the botanical exhibits. Even crudely fashioned native tools and implements can find a pleasant grouping and at the same time demonstrate, for instance, the economic fact that "Low Islands are Hard Up"; colloquially expressed, perhaps, but true. There are other case captions such as "Gone with the Forest," "Birds of the Wood and Waste," "The Maori Craftsman," "How Plants Inherit the Earth," and "Thieves and Scavengers," which, if members will come to investigate them, need not be explained here.

The insect display has been much enhanced by an entirely new arrangement of twenty-seven sections from his own extensive collections, set up by Mr. W. H. Hemingway, Hon. Entomologist, who desires to join in acknowledging the generous gift by Mr. F. A. Gillman of the whole of the glass-topped unit cases required for this attractive exhibit.

We have received most interesting displays from sister museums in the interchange of exhibits which is one of the activities of the Carnegie Corporation programme; our own contribution was the Honorary Entomologist's case on Insect Life Histories. An improvement to the halls themselves has been effected by the hanging of new curtains and the completion of the long task of relaying the ground floor linoleum.

Exhibitions.—We cordially acknowledge the enterprise of the Hawkes Bay Museum in bringing to New Zealand the splendid set of natural history photographs made by "Country Life," which we had the privilege of exhibiting in May. For another admirable exhibition of native photographs we are indebted to our fellow member, Major G. A. Buddle, D.S.O., who displayed a large series of intimate studies, from his own camera, of native bird life. This exhibition was opened by Mr. Pycroft on 15th November. For the third exhibition of the year, Silversmiths' and Ironworkers' Arts, we have to thank the Victoria and Albert

Museum, whose exhibit it was, and the Empire Art Loan Collections Society, which sent it to Australia and New Zealand.

The Native Flower Show with its accompanying children's competitions was again conducted with enthusiasm and great success by the Botanical Society; the children's prizes were presented by the President at an afternoon gathering on 10th November.

A replica of the introductory case on Maori Carving Patterns, the casts for which were prepared by Mr. Dover, has been sent across the Tasman as a circulating loan exhibit for the museums in Australia.

Educational.—Mr. Scobie's report records the continued success of the educational work, and I need only draw attention to the extension of the school service to country districts by sending them loan displays and a new type of light attache case fitted with removable specimens, and by arranging for the reception and entertainment of country school children on whole-day visits to the Museum and Domain. The Domain itself is now regarded by Mr. Scobie as part of the Museum for visiting school-class purposes. Mention should also be made to the varied "hunt the answer" games devised both for classes and for other units such as Scouts and Guides and school natural history clubs and cultural groups. The response made by the schools and cultural groups to the educational facilities offered by the Museum has developed into a demand for more and still more services and opportunities, and has intensified our need for more study and workshop accommodation, not only for the staff, but for school classes and clubs. A plain work room of fair size, properly lighted, warmed and ventilated, with benches, cupboards and a children's natural history library, would more than anything else enable the Museum to function better as a juvenile and general centre for sound practical and cultural recreation.

General.—A museum must of necessity have large collections apart from those that are exhibited; these are the research collections such as the Cheeseman herbarium and the study collections of mollusca, insects, fishes and ethnographical specimens. The care of these thousands of specimens and their arrangement in order for ready reference entail much routine work in which excellent progress was made this year through clerical assistance made available under Employment Fund subsidy. Field collecting and research in connection therewith, as acknowledged in the staff reports, were helped by facilities and hospitality offered by friends in country districts; and I myself should add an expression of

AIM Ann Report

1939 to 1940

appreciation of the hospitality that Mr. Pycroft and I enjoyed in Mr. H. R. Jenkins' yacht, *New Golden Hind*, and the vigilant help of Mr. Jenkins and our mutual friend, Mr. A. B. Deeming, in disinterring moa remains from Doubtless Bay sandhills. I have also to acknowledge the courtesy of being invited to visit and study the rich swamp deposit in North Canterbury being excavated by the Canterbury Museum.

In the Museum itself we have had much appreciated help from our honorary curators; Miss Molesworth and Mr. Tony Alexander have given voluntary assistance in the botany department, while special acknowledgment must be made of the constant help given by the honorary photographer, Mr. J. D. Richardson, and of the skilled assistance of Mrs. G. Stevenson in preserving and conditioning natural history and palaeontological specimens.

Records of the Auckland Institute and Museum, vol. 2, No. 3, contained papers by Miss L. M. Cranwell: "Southern Beech Pollens"; Mr. A. G. Stevenson: "Maori Wooden Bowls"; and Mr. A. W. B. Powell: "The Mollusca of Stewart Island." Additional papers were published in other journals.

We have lost two members of the staff by resignation, Miss Dorothy Hessel, whose marriage took place in February, and Mr. Hawke, Custodian, who retired in April. The members of the staff extend to both their cordial good wishes, as also to Mr. A. G. Stevenson, who assisted in the ethnographical department during Mr. Fisher's visit to the United States. Mr. J. Davy has been appointed Custodian, and Mr. H. G. Hollamby, Attendant.

GILBERT ARCHEY.

Assistant Director.

As during the previous year, the main objective has been the completion of the classification, labelling and housing of the reference collections of mollusca. This work was greatly facilitated by the temporary services of an assistant secured through the courtesy of the Employment Bureau. The Museum reference collection of mollusca now totals 27,899 species lots, and in addition there is the Powell Loan Collection of 18,779 species. These collections are rich in type material and a list comprising 990 holotypes has been prepared. For the storing of the smaller species ordinary safety match boxes were required, so a public appeal for 10,000 boxes was made. So generous was the response that over 25,000 were received, being largely contributed by Auckland primary and secondary schools.

An exhibit dealing with the sharks and rays of New Zealand has been completed, making the fourth unit group in the reconstruction of the fish series. Also, through the courtesy of Captain O. Dillner, a cast of the large Blackfish stranded at Point Chevalier in December has been prepared. The writer's launch "Tane" was commissioned for two field trips, each of one week's duration, making possible natural history and ethnographical investigations at Kawau Island by members of the Museum staff.

Ten lectures were given during the year and one paper, "The Mollusca of Stewart Island," has been published in the "Museum Records." Research has continued in respect to the collections of Antarctic mollusca made by the R.R.S. Discovery II., and a paper on the "Mollusca of the Aupourian Province of New Zealand."

The Museum Conchology Club, now in its 10th year, completed a successful season of 22 evening meetings and a number of field days. The Club now has an associate membership and is building up its own reference library.

The Molluscan collections were augmented by exchanges with Museums and collectors in California, Florida and Western Australia; notable fish accessions were a specimen of *Notorhynchus pectorosus*, the seven-gilled shark, caught at Wattle Bay, Manukau Heads, by Mrs. W. J. Brambley; and a species of gurnard, *Paratrigla papilio*, new to New Zealand, trawled between Tiri Tiri and Cape Colville by Mr. J. R. Shirley.

Two further lots of rare books and pamphlets on Mollusca have been donated by Mr. J. R. le B. Tomlin, of Sussex.

The photographing of small natural history specimens has been greatly facilitated by the gift of Messrs. Watson Victor Ltd. of an X-ray tube stand, which has since been adapted to Museum requirements.

Enquiries for the year were in the vicinity of 1,000, the majority being by telephone, but quite a number were of a technical nature involving the identification of a considerable amount of material.

A. W. B. POWELL.

Education Officer.

Increasing familiarity with the services offered by the Museum is widening the circle of contacts from both formal and informal educational institutions. The response last year to the different topics and subjects gave an indication of the most suitable lines of development, and work has followed accordingly. This has involved the extension and further grading of topics.

AIM Ann Report

1939 to 1940

A popular development was the offering of field work in the form of rambles in the Domain; topics on Insects, Native Trees and Rivers have proved most successful.

Schools have responded to these services from a wide area, covering not only the city, but also rural centres such as Ruawai and Te Rapa, and including all types of school, primary, secondary, technical and private. Many attend regularly or repeat their visits. Schools are taking full advantage of the concession fares recently granted by the Railway Department, and several Waikato Schools now attend regularly. Some country schools provide funds for transport by arranging dances or other local entertainments; this is a most encouraging indication of the appreciation of the services available. Personal enquiry as to what could be done for the rural school was made during a visit to Ruawai. The usual provision was made for the Blind children.

The Spring Flower Show, which this year was arranged with the specific purpose of collaborating with the work of the Education Officer, met with a splendid response both in the quality and quantity of the material offered and in the attendances from the schools. Similarly the Cheeseman Memorial Prize elicited more entries from a wider range of schools than hitherto.

The distribution of loan exhibit cases has continued, 43 cases being circulated among 66 town schools. Enthusiastic country schools, e.g., at Whangarei, Te Rapa and Waihi, continue to pay freight on a group of exhibit cases to their own centre, finding their own transport for local exchanges. These exhibit cases are fixed displays; in addition a set of light attache cases has been prepared with specimens that can be taken out, handled and more closely examined by the children. The Museum has continued to lend its films to the Visual Education Association and has also participated in the preparation of three film-strips.

Special attention has been given this year to club work, four after-school groups being accommodated. The most popular topics were botany and anthropology. A Research Group continued to meet over the winter months. Educational activities in other departments have been carried on freely, much valuable individual work being accomplished. The Spring Film Session proved increasingly popular and helped to introduce many children to the Museum's collections. Members of the staff have co-operated in every way possible with the work of this department.

This range of the activities would be very much curtailed were it not for the willing assistance of 37 students whom Mr. D. M.

Rae, Principal of the Training College, has posted to the Museum. Lectures were given to Senior Students, while a valuable contact was made with those in the First Year by conducting them over the Museum. A cultural group of Training College students has also met regularly at the Museum.

A series of Museum Games was drawn up to meet the requirements of various badges of the Girl Guides. Four wireless talks were given in the Education Broadcast from 1YA. Lectures and informal education work continued to both schools and informal educational institutions. During the year the service of identification has increased steadily.

In May a conference of the four Education Officers was called, when matters of general interest and policy were fully discussed. In general the year's work has been one of rapid expansion and makes the provision of adequate facilities an urgent need.

Attendances of school children and for other special purposes have been: General, 16,750; Film Session, 3,320; Lecturing, 1,815; a total of 21,885.

R. A. SCOBIE.

Botanist.

The year's rich harvest in the herbarium includes the J. Adams collection, part of the Poppelwell collection, sets of 225 New Zealand bryophytes from Mrs. E. A. Hodgson, and 409 collected by Dr. Berggren in 1874-75 (presented by the University of Lund, Sweden), and of 300 species of algae and lichens from the Farlow Herbarium. A specialised collection of bog-plants was made personally, mainly in the South Island. Fortunately, voluntary and Employment Bureau assistance was available for care of these accessions, most of which have already been incorporated by Miss Molesworth.

Ordinary Museum duties included the making of three displays dealing with Banks and Solander, Native Ferns, and Drugs of the Empire; the arranging of the Sunday Lecture Series; the giving of eight lectures (two in Wellington in March); the filming of milling kauri activities near Katikati with the help of the miller, Mr. Bert Collins; the maintenance of two Native Plant Tables; and the usual round of identifications and enquiries. An exhibit, "Useful Seaweeds of our Shores," was prepared with Miss L. B. Moore's help for the Centennial Exhibition.

AIM Ann Report

1939 to 1940

The Auckland Botanical Society again helped with exhibits, and especially with the 8th Cheeseman Memorial Native Flower Show, which drew 7,500 visitors in the Spring. Members of the Society generously contributed over £20 for children's prizes, advertising and transport. Even greater support in our activities would be available if junior and adult groups could make use of some sort of botanical club-room here.

Research work has been concentrated on peats and the preparation of an atlas of New Zealand pollen-types, in which, through the co-operation of the Department of Scientific and Industrial Research, I had the services of Mr. W. F. Harris until he joined the 5th Field Ambulance in January.

Papers:—

"Southern Beech Pollens," *Rec. Auck. Mus.* Vol. 2, No. 4.

"Pollen-grains of the N.Z. Conifers," *N.Z. Journ. Sci. and Tech.* (in press).

A short report on the vegetation of the Waikato bogs was published in the *D.S.I.R. Bulletin* No. 76.

Field-work was almost confined to a single research project—the comparison of New Zealand and Hawaiian bog-types, begun under a Bishop Museum Fellowship in 1938. Plants and peats were collected from 13 areas, mainly in Otago, Southland and Stewart Island, and thanks are here extended to Miss L. B. Moore, Messrs. L. Poole, G. Rushton and J. E. Attwood for their assistance during part or all of the time, and to Mr. and Mrs. Roy Traill, of Stewart Island, Messrs. B. and L. Murrell, of Manapouri, B. P. Mansfield and F. M. Corkill, of Invercargill, Geo. Simpson, J. Scott Thomson and Dr. F. Turner, of Dunedin, for hospitality and assistance.

LUCY M. CRANWELL.

Ethnologist.

Of 4,231 specimens added to the department during the year the following are of special importance: Collection of over 250 Gilbertese specimens added to the Maude Collection; a fine old carved lintel, many other Maori specimens and a large Solomon Island collection from Mr. E. Earle Vaile; a collection of Solomon Island adzes and ornaments from Mr. W. Goodfellow; and a Maori carved stone flute from Mr. W. Hammond.

Leave from September, 1938, to October, 1939, granted by the Council enabled me to hold a Rockefeller Internship at the

Buffalo Museum of Science; the activities included special work on primitive art motives; a display of South Seas material; the classification of 6,000 specimens; meetings with leading American anthropologists; the delivery of 42 lectures; the preparation of bibliographies; the exchange of specimens, and the study of all phases of museum activities. For these valuable opportunities and experiences I wish to express my grateful thanks to Mr. Chauncey J. Hamlin, President of the Buffalo Museum, and to its Director, Dr. Cummings.

I was also able to spend ten days at the Bishop Museum at Honolulu, and four months visiting museums in the United States especially studying the ethnographical collections. A Carnegie Corporation grant for a further inspection and study of British and European museums had to be given up owing to the outbreak of war.

Mr. A. G. Stevenson, who was Assistant Ethnologist for most of the year, concentrated upon checking both research and display collections, indexing localities, and treating specimens for borer and fungoid growths. He also carried out field investigations at Karetu, Waiheke and Tihoi, and published a paper on "Maori Wooden Bowls" in the Museum "Records."

Since my resuming duty on October 19th a display of Scrimshaw work has been prepared; the Maude collection of 250 Gilbertese specimens has been registered and classified; and a collection of 3,000 Solomon Island adzes and ornaments has been checked.

Field work has been undertaken at Tihoi and Kawau. From the former place, with the assistance of Mr. Stevenson, details of palisading still standing were secured and subsequently the palisading was removed to the Museum.

Four lectures have been delivered, including one to the staff on "Impressions of American Museums."

V. F. FISHER.

Assistant Ethnologist.

The first three months of the year were spent in the Gilbert Islands studying native arts and customs, and collecting specimens and photographs. Study of the material continued during the year. I wish to thank Mr. and Mrs. Maude, of Beru, for their help in arranging this visit, and also Sir Albert Ellis for his advice and assistance.

AIM Ann Report 1939 to 1940

Activity has been directed towards completing the series of experimental displays in the ethnological section. They were conducted on the same principles as those which occupied the previous two years.

In the Maori Hall electric lighting was installed in a newly fitted and arranged exhibit of feather cloaks. It is hoped that this method will not only enhance the beauty of the cloaks, but at the same time prevent further fading. A series of exhibits of Maori stone implements has also been completed in this section.

In the Hall of Foreign Ethnology new cases include exhibits showing the food areas of North and South America, and their dependent cultures. Work has commenced on the rearrangement of the Australian material. Two cases, one introductory and the other on warfare, have been completed. In various sections a total of ten cases was arranged.

Five lectures were given during the year.

OLWYN M. RUTHERFORD.

Assistant Zoologist.

In the New Zealand bird hall displays consisting of a decorative arrangement of specimens and significant accessories, with plain backgrounds in colour, have been continued. While labels introduce the specimens as individuals, it is intended that the difference and relationship between species and groups should be expressed by selection and arrangement. The six cases finished illustrate small birds of forest, pasture, waste and cultivated land (three cases), the pigeon, owls and hawks, and ducks and herons; and a four-panel case displays all the New Zealand birds introduced by man.

Animal studies from an exhibition organised by "Country Life," circulated by the American Federation of Arts, and New Zealand bird studies by Major G. A. Buddle, D.S.O., were placed on display for short seasons.

Three public lectures and film commentaries were given, and inquiries included a report on duck conservation to the Auckland Acclimatisation Society.

Field trips were made to various places near Auckland for material used in displays, and to the Hen Island to make a census of forest birds. Collecting trips were made for the skeletons of small whales to Huia and on the Waitemata Harbour.

At the opening of the exhibition of Major Buddle's photographs, the opportunity was taken to co-operate in the organisation of an Auckland branch of the newly-formed Ornithological Society of New Zealand.

E. G. TURBOTT.

Librarian.

Library expenditure, £306, included two years' subscriptions to Periodicals £227, Purchase of Books £21/10/3, Binding £58. The arrival of new books was delayed by war conditions; they reached us after the period covered in this report.

Twenty-seven books have been purchased locally, and 151 have been received by gift. Special reference should be made to Dr. Phillips-Turner's gift of 25 books together with a large number of photographs and pamphlets from the library of his late father, Mr. E. Phillips-Turner; this gift has greatly enhanced the value of the botanical section. Mr. J. R. le B. Tomlin, of St. Leonards-on-Sea, has made a further presentation of 42 volumes, together with numerous pamphlets; and Mr. E. E. Vaile has continued his keen interest in the library and has given 28 volumes of important early New Zealand literature.

Notwithstanding the uncertainties of war conditions, magazines and exchange publications have arrived with marked regularity. There have been several new requests for exchanges for the "Records."

The library maintains its popularity, and students, both from the University and the Training College, take full advantage of it for reading and research.

MARSHALL C. CLELAND.

The following
Periodicals and Publications of Societies

are subscribed to by the Institute:

NATURE.
DISCOVERY.
SCIENCE PROGRESS.
REPORT OF THE BRITISH ASSOCIATION FOR THE
ADVANCEMENT OF SCIENCE.
TRANSACTIONS AND PROCEEDINGS OF THE ROYAL
SOCIETY.
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES
SCIENCES.
NEW ZEALAND JOURNAL OF SCIENCE AND TECHNOLOGY.
THE MUSEUMS JOURNAL.
THE PHILOSOPHICAL MAGAZINE.
THE AMERICAN JOURNAL OF SCIENCE.
THE PHYSICAL REVIEW.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL
SOCIETY.
JOURNAL OF THE CHEMICAL SOCIETY.
ARCHIV DER PHARMAZIE.
CHEMICAL REVIEWS.
MONATSHEFTE FUR CHEMIE.
THE INDUSTRIAL CHEMIST.
THE GEOLOGICAL MAGAZINE.
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.
THE GEOGRAPHICAL JOURNAL.
ANNALS AND MAGAZINE OF NATURAL HISTORY.
ANNALS OF BOTANY.
JOURNAL OF BOTANY.
DAS PFLANZENREICH.
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL
SOCIETY.
THE ZOOLOGICAL RECORD.
PUBLICATIONS OF THE RAY SOCIETY.
THE IBIS.
MAN.
JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE.
ANTIQUITY.
JOURNAL OF EGYPTIAN ARCHAEOLOGY.
OCEANIA.
JOURNAL OF THE POLYNESIAN SOCIETY.
TE WANANGA.
ART IN NEW ZEALAND.
MIND.
THE ECONOMIC JOURNAL.
THE ECONOMIC RECORD.
JOURNAL OF THE STATISTICAL SOCIETY.
QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL
SOCIETY.
THE JOURNAL OF ECOLOGY.
MANKIND.
COUNTRY SIDE.
THE GEOGRAPHICAL MAGAZINE.

AUCKLAND INSTITUTE AND MUSEUM.

RECEIPTS AND PAYMENTS ACCOUNT

For the Year Ended 31st March, 1940.

	£	s.	d.		£	s.	d.
To Balance, 1st April, 1939	874	5	10	By Salaries and Wages	5,773	14	11
" Subscriptions	393	3	6	" No. 13 Scheme Wages	1,213	0	9
" Subscriptions in Advance	5	5	0	" Insurance	47	1	7
" Life Members	52	10	0	" Library Expenses	306	2	8
" Interest—				" Institute Expenses	93	16	1
Mortgage	655	3	5	" Specimens—			
Debenture	374	0	0	Purchase	615	15	4
Stock	249	12	7	Collecting and Travelling	72	15	2
Fixed Deposit	15	0	0	" Preserving and Display	128	5	10
Savings Bank	10	18	6	" School Services, Publications, Prizes	200	14	7
" Local Body Contributions	5,700	0	0	" General Maintenance	506	6	3
" Local Body Donations	131	9	11	" Buildings—			
" Sundry Receipts	60	15	4	Maintenance	528	6	8
" Special Donations	230	10	10	" Sundry Expenses	29	10	0
" Contributions Specimen Purchase	67	1	9	" Show Cases and Furniture	95	4	7
" Contributions Shrine Account	24	18	1	" Auckland Museum Maintenance Amendment Act, 1931 (Sec. 37)—			
" Receiver Land Revenue—				Wreaths	3	3	6
Rent	22	16	5	Entertainment	10	7	
Sales	195	18	5	" Princess Te Puea Canoe Fund	1	11	0
" Mortgage—Reduction of Principal	155	19	9	" Transfers—			
" Carnegie Grant	103	11	0	Investment Account	155	19	9
" Princess Te Puea Canoe Fund	1	11	0	Life Subscription Account	52	10	0
" No. 13 Scheme Wages Refunds	1,286	7	5	Museum Endowment Account	195	18	5
" Grants on Wages and Salaries	132	5	4	Specimen Purchase Account	282	0	1
" Mitchelson Fund Interest	8	9	9	Shrine Account	24	18	1
" Transfers—				" Balance, 31st March, 1940	1,124	10	5
Specimen Purchase Fund	548	11	3				
Building Maintenance Reserve	151	11	2				
	£11,451	16	3		£11,451	16	3

INCOME AND EXPENDITURE ACCOUNT.

For the Year Ended 31st March, 1940.

EXPENDITURE.				INCOME.			
	£	s.	d.		£	s.	d.
To Salaries	5,641	9	7	By Subscriptions	476	2	6
" Insurance	47	1	7	" Life Members	52	10	0
" General Maintenance	502	7	3	" Interest Mortgages and Debentures	1,069	0	3
" School Services, Publications, Prizes	200	14	7	" Memorial Hall and Specimen Purchase	91	19	10
" Institute Expenses	93	16	1	" Contributions from Local Bodies	5,700	0	0
" Unauthorised Expenditure—				" Donations from Local Bodies	131	9	11
Wreaths	4	4	6	" Donations	230	10	10
Entertainment	10	7		" Sundry Receipts	60	15	4
" Sundries	32	13	8	" Auckland Savings Bank	10	3	9
" Building Maintenance	311	4	9	" Post Office Savings Bank	9	4	6
" Subscriptions Written Off	27	6	0	" Rent R.L.R.	22	16	5
" Transfers—				" Sales R.L.R.	195	18	5
Life Subscription Capital Account	52	10	0	" Carnegie Grant	103	11	0
Memorial Hall Trust Fund	24	18	1	" Balance	983	14	5
Specimen Purchase	67	1	9				
Museum Endowment Account	195	18	5				
" Depreciation Building	1,068	13	4				
" Depreciation Furniture	652	8	8				
" Transfer to Capital Account (Specimens Purchase)	214	18	4				
	£9,137	17	2		£9,137	17	2

MUSEUM ENDOWMENT ACCOUNT.

£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
To Balance 31/3/40—				By Balance 1/4/39—							
Investments	13,778	2	3	Investments	13,763	12	0				
Cash at Bank	344	7	2	Cash at Bank	162	19	0				
	14,122	9	5		13,926	11	0				
Less Reserve for Depreciation	271	5	5	Add R.L.R. Sales	195	18	5				
	13,851	4	0		14,122	9	5				
				Less Reserve for Depreciation	271	5	5				
					13,851	4	0				
	£13,851	4	0		£13,851	4	0				

LIFE MEMBERS' SUBSCRIPTION ACCOUNT.

	£	s.	d.		£	s.	d.	£	s.	d.
To Balance 31/3/40—					By Balance 1/4/39—					
Investments	2,439	0	0		Investments	2,143	10	0		
Cash at Bank.. .. .	111	1	5		Cash at Bank.. .. .	354	1	5		
						2,497	11	5		
					.. Transfer from Income and Expendi- ture Account	52	10	0		
								2,550	1	5
	£2,550	1	5					£2,550	1	5

ACCUMULATING ENDOWMENT ACCOUNT.

	£	s.	d.					
March 31st, 1940—				April 1st, 1939—				
To Balance—Cash in Bank	337	3	11	By Balance	327	7	11	
				March 31st, 1940—				
				By Interest	9	16	0	
	£337	3	11					£337 3 11

MACKECHNIE BEQUEST ACCOUNT.

	£	s.	d.						£	s.	d.
March 31st, 1940—				April 1st, 1939—							
To Balance—Cash in Bank	14	10	2	By Balance	14	1	9				
				March 31st, 1940—							
				By Interest	8	5					
	£14	10	2						£14	10	2

SIR JAMES GUNSON TRUST ACCOUNT.

	£	s.	d.		£	s.	d.
March 31st, 1940—				April 1st, 1939—			
To Balance—Cash in Bank	198	16	3	By Balance	193	0	5
				March 31st, 1940—			
				By Interest	5	15	10
	£198	16	3		£198	16	3

MEMORIAL HALL TRUST FUND.

	£	s.	d.		£	s.	d.
March 31st, 1940—				April 1st, 1939—			
To Balance—Cash in Bank	352	10	3	By Balance	318	2	2
				March 31st, 1940—			
				By Interest	9	10	0
				„ Transfer	24	18	1
	£352	10	3		£352	10	3

SPECIMEN PURCHASE FUND.

	£	s.	d.		£	s.	d.
March 31st, 1940—				April 1st, 1939—			
To Transfer to Working Account	548	11	3	By Balance	575	11	10
„ Balance—Cash in Bank	321	18	2	March 31st, 1940—			
				By Interest	12	17	6
				„ Transfer	282	0	1
	£870	9	5		£870	9	5

AUCKLAND INSTITUTE AND MUSEUM.

BALANCE SHEET as at 31st March, 1940.

LIABILITIES.		ASSETS.	
	£ s. d.		£ s. d.
Capital Account—		Buildings—	
Property as at 31/3/1940—		1st April, 1939	213,734 0 1
Buildings	221,588 0 3	Less Depreciation	1,068 13 4
Library	5,000 0 0		212,665 6 9
Furniture	22,384 2 0	Furniture and Fittings—	
Specimens	150,136 12 11	1st April, 1939	26,002 1 4
	399,108 15 2	Additions	95 4 7
Endowments—			26,097 5 11
Costley Bequest	7,700 0 0	Less Depreciation	652 8 8
Mackechnie Bequest	2,000 0 0		25,444 17 3
Campbell Bequest	1,000 0 0	Collections—	
Herries Bequest	1,000 0 0	1st April, 1939	157,278 6 4
Shaw Bequest	1,000 0 0	Additions	825 17 4
Nathan Bequest	100 0 0		158,104 3 8
Marshall Bequest	550 0 0	Library Books—	
Museum Endowment	13,851 4 0	1st April, 1939	8,390 19 4
Life Members' Subscriptions ..	2,550 1 5	Additions	261 12 0
	29,751 5 5		8,652 11 4
General Account	9,770 19 2	Investments—	
Transferred Specimens Reserve A/c.	333 12 11	Mortgages	14,004 0 3
Transferred Income and Expenditure Account	214 18 4	Debentures	9,485 10 3
	10,319 10 5	N.Z. Inscribed Stock	5,177 12 0
Reserves—		Australian Commonwealth Stock ..	1,982 10 0
Mackechnie Library Fund	14 10 2		30,649 12 6
Accumulating Endowment Reserve		Sundry Debtors—	
Fund (and Ambury Bequest) ..	337 3 11	Interest	32 12 1
Gunson Specimen Reserve Fund ..	198 16 3	Subscriptions	151 4 0
Mitchelson Prize Fund	50 0 0		183 16 1
Memorial Hall Trust Fund	352 10 3	Cash—	
Specimen Purchase Reserve Fund..	321 18 2	Bank of New Zealand.. ..	201 2 9
Building Maintenance Reserve ..	1,298 6 9	Post Office Savings Bank	2,118 4 1
	2,573 5 6	Auckland Savings Bank Accounts	748 7 8
Reserve for Depreciation of Investment Account	271 5 5	Cash in Hand	1 10 0
Sundry Creditors—			3,069 4 6
On Open Account	23 15 7	Income and Expenditure Account—	
Subscriptions in Advance	5 5 0	Balance 31/3/40.. ..	983 14 5
	29 0 7	Plus Balance 1/4/39	2,299 16 0
	£442,053 2 6		3,283 10 5
			£442,053 2 6

The Audit Office having examined the balance sheet and accompanying accounts, required by law to be audited, hereby certifies them to be correct.

GILBERT ARCHEY, Treasurer.

GRIER COLLINS,
 Controller and Auditor-General.

AIM Ann Report
 1939 to 1940

List of Benefactions
made to the
Auckland Institute and Museum
of an amount (or value) exceeding £50.

MONETARY GIFTS.

- 1876 Auckland Citizens: £2,026 subscribed towards first building.
1878 Mr. J. C. Firth donated £106 for show cases.
1884 Mr. Edw. Costley bequeathed £12,150.
1887 Mr. David Nathan bequeathed £100.
1897 Mr. T. Russell donated £100 for geological specimens.
1901 Auckland Citizens subscribed £1,000 for Mair Collection.
1902 Mr. E. A. Mackechnie bequeathed £2,500.
1906 Auckland Citizens subscribed £662 for carved houses.
1911 Auckland Citizens subscribed £684 for ancient carvings.
1913 Sir John Logan Campbell bequeathed £1,000.
1921 Institute Members subscribed £115 for Temple Bronzes.
1923 Sir Wm. H. Herries bequeathed £1,000.
1924 Citizens subscribed £698 for Maori collections.
1925 Institute Members subscribed £100 for Maori collection.
1926 Sir James Gunson Presentation Committee presented £118 for Maori collection. Mr. David Goldie bequeathed £1,000.
1927 Mr. F. Shaw bequeathed £1,000.
1929 Mr. S. J. Ambury bequeathed £250.
1934 Mrs. R. M. Wilson: £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.

SPECIMENS AND BOOKS.

- 1876 Mr. R. C. Barstow: Large collection of Maori articles.
1877 Mr. G. F. Edmonston: 564 volumes of scientific works.
1878 Mr. T. Russell, C.M.G.: 34 casts from the antique.
1878-83 Mr. J. T. MacKelvie: 390 books and ethnology collection.
1887 Mr. C. O. Davis: Valuable Maori collection.
1901 Mr. L. D. Nathan: Japanese Shinto Shrine.
1913 Mr. Henry Shaw and Mr. F. Shaw: 172 scientific books. Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.

AIM Ann Report 1939 to 1940

- 1915 Dr. C. E. R. Bucknill: Collection of Old English Glass.
- 1916 Mr. Henry Shaw: Collection of Japanese art.
- 1917 Miss Ruth Northcroft: Large Maori and Polynesian Collection
- 1919 The Misses Yates: Collection of Indian weapons.
- 1920 Mr. James Dunning: Collection of North American Mammals.
- 1921 Mr. W. A. Aldred: Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethnographical collection.
- 1923 Mr. T. F. Cheeseman, F.L.S., F.N.Z.Inst.: The Cheeseman Herbarium of native and foreign plants.
- 1924 Mr. Wm. Sutherland: Melanesian ethnographical collection.
Mr. A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr. R. A. Meek: Ethnographical specimens from Bismarck Group. Messrs. Samuel Vaile & Sons: Large collection of Maori greenstone articles. Sir Cecil Leys and Mrs. Selwyn Upton: The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr. T. W. Leys.
- 1925 Mr. F. Crossley Mappin: Valuable Maori and South Pacific exhibits.
- 1926 Mr. Geo. F. Webster: Valuable Maori antiquities.
Mr. H. R. Butcher: Collection of British coins.
Mrs. E. M. Ball: The Thos. Ball Zoological collection.
Mr. F. Crossley Mappin: Ancient Chinese ceramic specimens.
Mr. Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 Mr. F. Crossley Mappin: Valuable Maori carvings.
Mr. Moss Davis: Valuable ethnographical specimens.
- 1928 Sir Cecil Leys and Mrs. Selwyn Upton: Unique and richly carved feather box.
Mr. J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr. Harry Kinder: The Dr. Kinder Collection—Maori and Melanesian.
Mr. E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
Mrs. S. J. Lushington: Large collection of mollusca.
- 1929 Mr. T. H. Barstow: Maori canoe prows and stern posts.
Mr. W. R. McGregor: New Ireland carved memorial figures.
Mrs., Miss and Mr. A. N. Cooper: The Charles Cooper collection of mollusca.
Rev. W. H. Webster: Large collection of mollusca.
Mr. C. E. Clarke: Large collection of N.Z. Insects.
Executors Mr. W. M. Cole: Stone and Bronze Age Artifacts.

AIM Ann Report 1939 to 1940

- Miss Webster and Mr. G. F. Webster: Water-colour drawings of the Solomon Islands.
- 1930 Mr. John Kenderdine: Large collection of books and pamphlets, including rare early New Zealand works. Mr. H. E. Vaile: A large collection of Maori implements and greenstone ornaments. Mr. Moss Davis: Selected Maori exhibits; also porcelain and ivory. Mr. L. J. Matthews: Two specimens of Moa eggs. Dr. L. Cockayne: Large collection of N.Z. plants.
- 1931 Sir Cecil Leys and Mrs. Selwyn Upton: Valuable Maori antiquities: additions to the Dr. T. W. Leys collection. Mrs. S. J. Lushington: Collection of Silver and Sheffield Plate. Mrs. A. C. Lennard: Collection of English porcelain.
- 1932 Mr. H. S. Dadley: Large and valuable collection of Oriental Arts. Mr. Moss Davis: British Gold and Silver Coins and European Ivories and Bronzes. Hon. Sir James Parr: Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 Vaile Collection: Additional gift of many valuable Maori antiquities. Mr. W. Goodfellow: Extensive ethnographical collection from Northern Melanesia.
- 1934 Miss Eleanor Brown and Mrs. Geo. Brownlee: Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes. Messrs. R. B. & G. Matthews: The H.B. Matthews Herbarium.
- 1935 Mr. F. Crossley Mappin: Maori Specimens, including hand-somely carved sternpost. The Admiralty: Model of H.M.S. New Zealand.
- 1936 Captain G. Humphreys-Davies: Large and valuable collection of Chinese pottery figures. Mrs. T. G. Russell: 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. Mr. E. Earle Vaile: Valuable Maori hei-tiki and Rapa Island stone artifacts. The Estate of the late H. E. Vaile: Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 Mr. E. Earle Vaile: Collection of ethnographical specimens and six Italian bronzes. Sir Algernon Thomas: Library of scientific books and papers.
- 1938 Mr. E. Earle Vaile: Gift of many early New Zealand books and journals. Mr. J. R. le B. Tomlin: Gift of valuable early editions of natural history works. Mr. F. Crossley Mappin: Early Chinese Pottery and Bronzes.
- 1939 Mr. E. Earle Vaile: Maori carvings, large Melanesian collection and gifts to the Library. Mr. J. R. le B. Tomlin: Gift of early Worcester china and early works on natural history. Mr. W. Goodfellow: Large Melanesian collection.

GIFTS TO THE Library and Museum.

LIBRARY.

PERIODICALS.

New Zealand Parliamentary Reports: Hansard, 1939; Monthly Abstract of Statistics, 1939; New Zealand Journal of Agriculture, 1939; Year Book, 1939.
Publications of the Auckland University College.
Journal of the Alpine Sports Club, Auckland.
Bulletins of the New Zealand Geological Survey.
Bulletins of the Dairy Research Institute, New Zealand.
Fisheries Bulletins, The Marine Department, New Zealand.
Publications of the Cawthron Institute, Nelson.
Records of the Canterbury Museum, New Zealand.
Bulletins of the New Zealand Libraries Association, Christchurch.
Publications of the Council of Scientific and Industrial Research, Wellington.
Bulletins of the Royal New Zealand Institute of Horticulture, Wellington.
Bulletins of the Town Planning Institute of New Zealand.
Bulletins of the Medical School, Dunedin.
Bulletins of the Alexander Museum, Wanganui.
New Zealand Centennial News.
The Australian Zoologist.
Publications of the Australian Forest League, New South Wales.
Proceedings of the Zoological Society of New South Wales.
Proceedings of the Linnean Society of New South Wales.
Report of the Fisheries of New South Wales.
The Australian Naturalist, Sydney.
Records and Memoirs of the Australian Museum.
Journal of the Royal Society of New South Wales.
Bulletins and Reports of the Technological Museum, Sydney.
Proceedings of the Royal Society of Victoria.
Memoirs of the National Museum, Melbourne.
The Victorian Naturalist, The Field Naturalist Club of Victoria.
Publications of the Council of Scientific and Industrial Research, Melbourne.
The Publications of the Australian Inst. of Anatomical Research, Melbourne.
Proceedings of the Royal Society of Queensland.
Queensland Government Mining Journal.
Memoirs of the Queensland Museum.
Reports of the Great Barrier Reef Committee, Brisbane.
Records of the South Australian Museum.
Transactions and Proceedings of the Royal Society of South Australia.
Memoirs of the Kyancutta Museum, South Australia.
Bulletins of the Geological Survey of West Australia.
Proceedings of the Royal Society of Tasmania.
Transactions of the Fijian Society, Suva, Fiji.
Kew Bulletin.
Proceedings of the Linnean Society of London.

AIM Ann Report

1939 to 1940

Bulletins of the Imperial Institute, London.
 Report on the Museums and Art Galleries of the British Isles, by S. F. Markham, M.P.
 Publications of the Cranmore Ethnographical Museum, Chislehurst.
 Publications of the Manchester Museum.
 Proceedings and Reports of the Manchester Literary and Philosophical Society.
 Publications of the National Museum of Wales.
 Publications of the Conchological Society of Great Britain and Ireland.
 Journal of the Marine Biological Association, Plymouth.
 Quarterly Bulletins and Reports of the Leicester Museum and Art Gallery.
 Proceedings of the Royal Society of Edinburgh.
 Proceedings and Reports of the Belfast Natural History and Philosophical Society.
 Annals of the South African Museum.
 Annals of the Transvaal Museum.
 Annals of the Durban Museum.
 Publications Fisheries Survey, Cape Town.
 Annals of the Natal Museum.
 Occasional Papers of the Rhodesian Museum.
 Records of the Indian Museum, Calcutta.
 Publications of the Colombo Museum, Ceylon.
 Bulletins of the Raffles Museum, Singapore.
 Bulletins of the Botanic Gardens, Singapore.
 Bulletins and Reports of the Valetta Museum, Malta.
 Bulletins of the Institute and Public Museum, Mauritius.
 Memoirs Geological Survey, Pretoria, South Africa.
 Pacific Affairs: Mr. Archey.
 Transactions of the Royal Society of Canada.
 Bulletins and Reports, Department of Mines, Canada.
 Bulletins of the Royal Ontario Museum of Archaeology.
 Bulletins of the Royal Ontario Museum of Zoology.
 Museum Art Notes, Vancouver Scientific Association.
 Quarterly Reports of the Vancouver City Museum.
 Proceedings and Transactions of the Nova Scotia Institute of Science.
 Publications of the Carnegie Institute of Washington.
 Publications of the Carnegie Institute.
 Publications of the State College of Washington.
 Publications in Oceanography: The University of Washington.
 Publications of the New York Zoological Park.
 Bulletins and Circulars, United States Department of Agriculture.
 Annual Report and Bulletins of the U.S. Bureau of Ethnology.
 Natural History and Reports, American Museum of Natural History.
 Proceedings and Bulletins of the United States National Museum.
 Memoirs, Bulletins and Occasional Papers of the Bishop Museum, Honolulu.
 Studies in Natural History, The University of Iowa.
 Annals of the New York Academy of Science.
 Botanical Papers: New York Botanical Garden.
 Bulletins of the Lloyd Library of Natural History, Cincinnati, Ohio.
 Publications of the American Midland Naturalist, Indiana.
 Zoological, Geological, Anthropological and Botanical Series: Field Museum of Natural History.
 Publications of the Botanic Garden, Santa Ana, California.
 Publications of the Allan Hancock Foundation, Los Angeles.
 Publications of the South-west Museum, Los Angeles.

Publications of the Charleston Museum, South Carolina.
Publications of the San Diego Society of Natural History.
Publications of the University of California.
Proceedings of the California Academy of Science.
Marine Biology: Stanford University of California.
Bulletins of the California State Fisheries.
Bulletins of the Wagner Free Inst. of Science, Philadelphia.
Publications of the University of Pennsylvania, Philadelphia.
Proceedings of the Academy of Sciences, Philadelphia.
Publications of the Morris Arboretum, Pennsylvania.
Publications of the Buffalo Society of Natural Sciences.
Contributions from the Gray Herbarium of Harvard University.
Bulletins, Museum of Comparative Zoology, Harvard.
Publications of the Chicago Academy of Sciences.
Occasional Papers, The University of Michigan.
Journal of the Maryland Academy of Sciences.
Revista de Ciencias, Peru.
Annals of the Museum of Natural History, Buenos Aires.
Publications and Bulletins of the School of Mines, Buenos Aires.
Publications of the San Miguel Observatory, Argentine.
Annals of the School of Mines, Brazil.
Annuaris Observatorio Nacional de Rio de Janeiro.
Bulletins of the Museum of Natural History, Montevideo.
Annals of the Geological Institute of Mexico.
The Philippine Journal of Science, Manila.
Bulletins de la Societe Etudes Oceaniques, Tahiti.
Bulletins L'Institut Oceanographie, Monaco.
Bulletins of the Bureau of the Chinese Delegation, Genève.
Publications of the Musee d'Histoire Naturelle, Paris.
Bulletins of the Zoological Society of France, Paris.
Bulletins of the Italian Library, Rome.
Bulletins of the Laboratorio Zool. Gen. and Agraria, Portici, Italy.
Publications of the Zoological Inst. and Museum, Athens, Greece.
Publications Das Museum für Volkerkunde, Basel.
Publications of the Danish Biological Station.
Publications of the Adviser of Norwegian Fisheries, Bergen.
Publications of the Natural History Museum, Stockholm.
Bulletins of the University Library, Uppsala, Sweden.
Publications of Gothenburg Ethnographical Museum, Sweden.
Proceedings of the Royal Physiographic Society at Lund.
Proceedings of the Rijks Ethnograph Museum, Leiden, Holland.
Bulletins and Memoirs of the Royal Museum of Nat. History, Bruxelles.
Bulletins du Jardin Botanique de l'Etat, Bruxelles.
Annals de la Societe Royal Zoologique de Belgique.
Transactions of the Zoological Museum, Berlin.
Bulletins of the Deutsche Entomologisches Inst., Berlin.
Publications of the Zoologischen Staatsinstitut Museum, Hamburg.
Transactions of the Museum für Volkerkunde, Hamburg.
Transactions of the Zoologische Staats-Sammlung, München.
Publications of the Senckenbergischen Bibliothek, Frankfurt.
Publications of the Naturhistorisches Museum, Vienna.
Annales of the National Museum, Budapest, Hungary.
Memoirs La Société Zoologique Tchecoslovaque De Prague.
Comptes Rendus de l'Academie des Sciences de l'U.S.S.R., Moscow.
Transactions of the Institute of Marine Fisheries, Moscow.

AIM Ann Report

1939 to 1940

Problems of Soviet Geology, Central Geological Library, Leningrad.
Publications of the Warsaw Zoological Museum.
Publications of the Society for International Cultural Relations, Tokyo.
Publications of the Kyoto Imperial University, Japan.
Bulletins of the Saito Ho-on Kai Museum, Sendai, Japan.
Publications of the Geological Survey of China.
Bulletins of the National Library of Peiping, China.
Bulletins of the Science Society of China, Nanking.
Bulletins of the Metropolitan Library, Peking.

REPORTS.

Dominion Laboratory.
Auckland Zoological Society.
Auckland Acclimatisation Society.
The Philosophical Institute of Canterbury.
The Canterbury Museum.
Wanganui Public Museum.
Otago Public Museum.
National Art Gallery and Dominion Museum.
State Forest Service, Wellington.
Department of Scientific and Industrial Research, Wellington.
Fisheries Department, Wellington.
New Zealand Council for Educational Research.
Wellington Philosophical Society.
Hawke's Bay Branch of the Royal Society of New Zealand.
Haslemere Educational Museum.
City of Norwich Museum.
Public Library and Museum, Derby.
Yorkshire Philosophical Society.
Free Public Museum, Liverpool.
Mappin Art Gallery, Sheffield.
Public Library and Museum, Victoria.
Queen Victoria Museum, Launceston, Tasmania.
Belfast Museum and Art Gallery.
National Museum of Ireland, Dublin.
John Crerar Library, U.S.A.
The Philadelphia Museum.
The American Museum of Natural History, New York.
The Carnegie Museum, Pittsburgh.
The South African Museum.
The Rhodesian Museum.
National Museum of Southern Rhodesia.
The Fisheries and Marine Biological Survey, Pretoria.
The Egypt Exploration Society.
National History Museum, Geneva.
The Botanic Garden, Singapore.
National Research Council of Japan.
The Marine Biological Association of China, Nanking.
The Discovery Committee: Discovery Investigations.
British Museum (Natural History): Terra Nova Reports.
Sir Douglas Mawson: Antarctic Expedition Reports.
Gothenberg Museum, Sweden: Ethnographical Studies.
The Carlsberg Foundation: Dana Reports.

Books have been presented by Lady Boyd Dawkins, Rev. Father Lavelle, Mr. C. J. O'Keeffe, Mr. C. R. Ford, Mr. Charter, Mrs. John Kenderdine, Mrs. L. T. Griffin, Mr. J. C. Entrican, Mr. Thomas Bertram, Mr. C. A. Fleming, Rev. Father Pugibet, Dr. Hill, Miss E. Kissling, Dr. D. F. Blair, Mrs. G. Stevenson, Mr. A. W. B. Powell, and Mr. E. H. Rhodes.

ACCESSIONS, 1939-40.

- Mrs. J. Adams: J. Adams botanical collection.
Mr. H. H. Alcock: Scorpion-spider (*Phrynus cheliferoideus*).
Mr. Ashford: Monarch butterfly.
Auckland City Council: Royal Life Saving Society's silver cup.
Aupouri people of Pawarenga: Flag given to Hone Heke's mother by Lord and Lady Plunket for the Uriotai branch of the Aupouri tribe.
Mr. J. H. Bartlett: Watchmaker's regulator clock with mercurial compensating pendulum. Deposited.
Mr. W. C. B. Baverstock: Three brass-hilted cutlasses possessed by natives of the island of Tabiteuea. Deposited.
Mrs. E. F. U. Birrell: Copper and bead leg-ornament.
Mr. Blade: Nest of white ants and wood attacked.
Mr. C. J. Blakey: Red embroidered bedspread taken on the field of the Battle of Waterloo. Deposited.
Mr. J. Bond: Semi-albino blackbird.
Mrs. I. C. Boswell: Collection of New Zealand and foreign insects and entomological apparatus, two N.W. American totem-poles, black stone cup and brass bangle, eggs of Adeline penguin, ostrich and emu; two small whale's teeth, egg of humming bird.
Mr. C. C. Boyce: Rattle of rattle-snake.
Master W. Browne: Two whale birds; fragment of cloak, small pumice float, broken one-piece bone hook. Deposited.
Estate of A. G. Buchanan: Pair of duelling pistols in case, one Colts M.L. revolver and M.L. shot gun in oak case.
Mr. S. Burridge: Patu onewa from summit of Mangere Mountain.
Mr. J. H. Cameron: Model war canoe prow, carved in pumice.
Mr. J. D. Campbell: Egg of cassowary.
Mrs. J. P. Campbell: Selected pieces of English and Continental porcelain, silverware, lacquer, tortoiseshell and alabaster ware.
Miss J. Cardno: Thirty-six photos of Noumea and other South Sea Islands.
Mr. N. S. Cassrels: Whip snake.
Mr. Robt. Chalmers: German one piennig note for use in prisoner-of-war camps.
Dr. H. A. Chatfield: Two stone adzes.
Mr. W. W. Click: Petrified wood from Nevada.
Mr. Bert Collins: Plank of mottled kauri.
Mrs. T. Collins: Kiwi.
Miss D. Cowan: Prow of war canoe, two kava bowls.
Mr. W. J. Crowther: Hunting jay.
Sir Ernest Davis: Chinese jade pendant.
Mr. F. J. Dawson, Jr.: Concretion with outer coat of iron pyrites.
Mr. A. H. Denne: Long curved bone pendant and fossiliferous rock.
Mr. H. Doel: *Ko*-digging stick.
Mr. Donovan: Two shark-tooth swords.
Edendale School: Natural history and ethnological specimens.
Mr. G. A. V. Edgumbe: Woven and fringed bag of the Kachin (hill people) of Burma, and Burmese lacquer document case.

AIM Ann Report

1939 to 1940

- Mr. J. N. Edson: British army sword, 19th Century.
 Farlow Herbarium, Harvard University: 200 foreign seaweeds. Exchange.
 Farlow Herbarium, Harvard University: Collection of lichens Herbarium
 Tuckermanniae.
 Mr. V. F. Fisher: Skull of beaver and wood cut by beaver.
 Mr. C. A. Fleming: Storm-killed birds and other natural history specimens.
 Mr. C. R. Ford: English salt-glaze stoneware jug: early 19th Century.
 Mr. G. M. Fowlds: Two British posters.
 Mr. H. Franklin: Three native spears (Matabele), .28 Cal. Mauser rifle.
 Mrs. E. Friar: Greener .303 rifle presented by Field-Marshal Lord Roberts
 to Cadet Col. Sergt. Wm. R. Friar.
 The late Mr. Geo. Given: Two Maori fishing traps (*hinaki*).
 Mr. T. A. Godby: Giant leathery turtle.
 Mr. W. Goodfellow: Extensive Melanesian ethnographical collection.
 Mr. J. Goulding: Bittern.
 Mr. A. Graham: Maori implements of wood and stone.
 Mr. Geo. Graham: Flax-beater of sandstone dug up at Te Weiti Heads by
 donor, small mudstone concretion containing barytes—used by Maoris
 as a hand hammer, frond appendage for basket, iron point kahawai hook
 made by Hone Ngakuku, of Matata, about 1881.
 Mrs. A. D. Gray: Gold watch by Jas. McCabe, Royal Exchange, London.
 Mr. S. S. Green: Weeder and old bullets.
 Capt. J. A. Hally: Army water bottle, Crime War period.
 Mr. W. Hammond: Stone flute. Deposited.
 Mr. Eric Harkness: Flint lock from cave at Kawiti.
 Capt. E. Harness: Two necklaces, Gilbert Island.
 Mr. R. Harrison: Three stone adzes and concretion.
 Mr. J. L. Harrison-Smith: Giant petrel.
 Mr. R. Hesketh: Metal box, issued at end of war to all Gallipoli soldiers.
 Commander B. L. Hewitt, O.B.E., R.N.: Rowlock for H.M. brig; etching
 of H.M.S. Nautilus, 1902; and brass water clock. Deposited. Collection
 of ethnographical specimens.
 Mrs. E. A. Hodgson: Collection of 225 native mosses and liverworts.
 Mrs. J. Holland: Collection of War trophies.
 Capt. G. Humphreys-Davies: Bronze harness jingle, Chcu period, B.C.
 1100-250. Pair of water bottles of the Batak folk of N.W. Sumatra.
 Mr. F. I. Hunt: Shining cuckoo.
 Mr. A. A. Jackson: Basket made of pandanus.
 Mr. and Mrs. A. E. Jarman: Turkish bayonet taken in fight between force
 from H.M.S. Pyramus and Turks, Persian Gulf.
 Mrs. George Jeffery: Nineteenth Century pottery.
 Mrs. H. C. Johnston: Two shot and powder containers, Ireland.
 Mr. R. Kamatie: Wooden pounder for beating pandanus.
 Miss Rose Kay: Patchwork quilt and two covers made about 1800. Deposited.
 Mrs. Consuelo E. Ketterer: Cape pigeon.
 Mr. Trevor Kissling: Bronze token, 1837.
 Mr. Knight: Two green and yellow geckos.
 Mr. Knowles: Green gecko.
 Mr. A. M. Le Souef: Australian nickel penny.
 Mr. F. A. Luke: *Ko* or digging stick, Clevedon.
 Mr. Keith Mackenzie: Peripatus.
 Mrs. S. Mason: Hawaiian wooden bowl, Oahu Island.
 Mr. L. G. Matthews: Lower jaw of native dog.
 Mr. T. Maxwell: Morepork.
 Mrs. Mellors: Pair of tibiae of *Dinornis novae-zealandiae*.

- Mr. G. Moon: Maori canoe paddle.
Mr. G. D. Moon: Single-barrel shotgun.
Mrs. W. Alex. Moore: Italian glass vase, 19th Century.
Mr. R. Muir: Maori bowl and spear.
Dr. K. G. Mullerried: 150 stone adzes, New Guinea.
Miss H. P. McBeth: Woven metal ring (Kafir).
Mrs. L. J. McMullen: Digging implement of unusual shape. Deposited.
Mr. Geoff. Nevill: Carved wooden ladle.
Mr. G. C. O'Hara: Calcite core from a depth of 18 feet at Awhitu Central.
Mr. W. R. Pass: Small block of obsidian.
Mr. H. Pettit: Concretion of barytes.
Mr. C. J. Phillips: Silver penny-halfpenny piece, 1834.
Mr. H. J. Piper: Pottery ink well, Chamberlin of Worcester.
Mrs. F. J. Platt: Mat needle, coconut bowl and bead armlet from Fiji; N.Z. adze.
Mr. Chas. Pomare: Stone adze and small cannon ball.
Mr. E. Pomeroy: Morepork.
Mrs. A. Poole: Twelve *Conus*-like shell discs strung together as a necklace.
Province Supply Co. Ltd.: Bronze token (1864).
Mr. R. L. Pudney: Thrush's nest.
Father Pugibet: Banaban canoe model.
N.Z. Railways: Bittern.
Mr. E. V. Ralls: Indenture and three impressed stamps.
Mr. A. Rayner: Large cone of *Pinus coulteri*.
Mr. E. H. Rhodes: Medal commemorating Coronation of Emperor of Japan.
Mrs. E. M. Rich: Document conveying thanks of Parliament to the Militia and Yeomanry, 1814.
Mr. J. D. Richardson: Stirring spoon in wood Kafir.
Mrs. G. Ridings: Baby's robe early 19th Century.
Mr. C. R. Riesop: Three stone adzes.
Sir Carrick Robertson: Two adzes and stone from Te Kuiti; two necklaces from Fiji.
Mr. Hargraves Rogers: Large greenstone *mere*. Deposited.
Mr. H. A. Savage: Two pieces of obsidian.
Mrs. M. M. Savage: Plait of kauri gum.
Mr. W. Sibson: Greenland wheatear.
Capt. Singleton: Gilbert Island eel-trap and New Guinea bow.
Mr. Skinner: Canoe prow.
Mr. R. Small: War trophies and literature.
The late Mrs. Geo. J. Smith: Stone adze.
Mrs. G. Stevenson: Ethnographical articles from Melanesia and Micronesia: quill pen-knife.
Mr. J. Stewart: Stone adze. Greenstone gouge found during excavations site of Whakatane Paper Mills. Deposited.
Miss E. Sutton: Young banded rail (*Hypotaenidia philippensis*).
Mr. William Sykes: Stone toki 13 inches long.
Mr. Geo. Te Tai: Two stone adzes and one flat stone disc.
Mr. C. S. R. Tilly: Three puriri moths.
Mr. J. R. le B. Tomlin: Collection of English china (chiefly Worcester), samplers, bobbins, scales, spectacles and orrery.
Mrs. A. Tooman: Cameo portrait of the mother of W. E. Gladstone.
Mr. Kouma Tumatabi: Cloak and bailer.
Mrs. Turner: Wandering albatross.
Mrs. A. C. Turtill: Pottery ushabi.
Mrs. A. Taylor: Kiwi and young.

AIM Ann Report 1939 to 1940

Mrs. A. L. Taylor: *Ko*, and stone of unusual shape.
Mr. H. F. Tansley: Stone adze.
Mr. E. Earle Vaile: Extensive Melanesian ethnographical collection, old Maori carvings, bowl and calabash; old Maori brown dogskin cloak.
Mr. P. M. Wagener: Wooden fern-beater.
Mr. A. Webster: Stoa.
Mrs. C. Westhill: Hand embroidered map.
The Misses White: Two necklaces of shells and seeds. Hat badges of 65th Regiment; Duke of Wellington medal.
Mrs. Willsted: Rock specimen from Evans Camp, Antarctica, and five Maori adzes; two rock specimens from Evans Camp, per "Terra Nova," Capt. Scott's Expedition, 1913.
Lady Wilson: Chinese vase and large Japanese cloisonne vase and stand.
Auckland Zoological Park: Thar and pelican, black-necked stork and Victoria crowned pigeon.

Members of the Auckland Institute.

(Members are requested to advise the Secretary of any change
of Address)

*On Military Service.

HONORARY LIFE MEMBER.

Sir Cecil Leys.

LIFE MEMBERS.

Adams, L.
Aimer, K. W.
Alison, Ernest.
Alison, E. W.
Anderson, E.
Andrews, F. N.
Archey, Gilbert, O.B.E., M.A.,
F.R.S.N.Z.
Astley, Frank E.

Baildon, George.
Bartlett, W. H.
Bartrum, Professor J. A., M.Sc.,
F.R.S.N.Z.
Baxter, T. N.
Bennett, C. F.
Bledisloe, Rt. Hon. Viscount,
P.C., G.C.M.G., K.B.E., D.Sc.
Bollard, A. E.
Bloomfield, H. R.
Brett, Arthur.
Bridson, W. J.
Briggs, L. H., M.Sc., Ph.D.
Brodziak, N.
Brown, Miss E.
Brown, E. A.
Browne, Miss L. M.
Brownlee, Mrs. G.
Buchanan, A.
Buddle, H. D.
Buttle, R.

Cashmore, E.
Catchpole, J.
*Caughey, Dr. J. E.
Clarke, Wm. St. John.
Clayton, D. L.
Clinch, Dr. J. A.
Coakley, L. J.
Cocker, Mrs. W. H., M.Sc.
Court, A. H.
Cousins, H. G., M.A.
Craig, E. A.

Craig, J. C.
Crompton, W. J.
Crookes, Miss M. W., M.A.
Crookes, S. Irwin.

Davis, Sir Ernest.
Dearsley, H. P.
De Courcy, Dr. Grace.
Dickson, J. F. W.
Dignan, F. J.
Dixon, C. E., M.Sc.
Donald, J. B.
Draffin, M. K., M.C.
Drier, Dr. E.
Duthie, N. A., D.S.O.

Edmiston, P. A.
Elliot, Sir George.
Ellis, Sir Albert, C.M.G.
Endean, W. P., LL.B., M.P.
Entrican, J. C.
Ewen, J. F. A.

Fairclough, Dr. W. A.
Falla, R. A., M.A., D.Sc.
Firth, R. W., M.A., Ph.D.
Fleming, G. H.
Fletcher, J.
Ford, A. E.
Ford, C. E.
Fraser, W. M., C.E.

Gardner, C. F.
George, Sidney Thorne.
Goldie, A.
Goodfellow, W.
Graham, Geo.
Gummer, W. H., F.R.I.B.A.
Gunson, Lady.
Gunson, Dr. E. B.

Hellaby, F. A., M.C.
Henley, J. C.
Holt, Mrs. J. H.
Horton, Sir Henry.

AIM Ann Report 1939 to 1940

Horton, Dr. W. H.
Houghton, C. V.
Hovell, S. M.
Hutchinson, A. J.
Hutchison, G. W., C.M.G.

Inder, E. W., LL.B.

Jefferson, Miss C.
Jenkins, H. R.
Johnstone, Hallyburton.
Jones, Harold R.
Jones, Hugh K.

Kerry, T. C.
Keys, L. T.

Laidlaw, R. A.
Larner, V. J., M.B.E.
La Roche, W.
Leys, Lady.
Lunn, A. G.

Macindoe, Charles G.
Mackenzie, Sir Clutha.
Macky, Dr. F.
McCallum, W. F.
McCoy, H. C.
McMillan, G.
McMillan, G. A.
Mander, Hon. F.
Mappin, F. Crossley.
Merritt, H. T.
Miller, M. H.
Milsom, Dr. E. H. B.
Moodie, F. L.
Montgomery, T. E.
Morpeth, H.
Murray, Dr. D. N. W., C.M.G.,
D.S.O.
Myers, Kenneth B.
Nelson, Hon. O. F.

O'Connor, A. Sinclair.
Oliver, W. R. B., D.Sc., F.L.S.,
F.R.S.N.Z.
Orford, Rt. Hon. Countess of
Osborne, Mrs. G.

Parr, Hon. Sir James,
G.C.M.G., M.L.C.
Partridge, H. H.
Paterson, J. B.
Patterson, D. B.
Perkins, A. W.
Philcox, T.
Pycroft, A. T.

Rangihiroa, Dr., D.S.O.,
F.R.S.N.Z.
Rendell, J. R.
Reyburn, W. R.
Rhodes, E. H.
Rishworth, J. N., M.B.E.
Robertson, Sir Carrick,
F.R.C.S.
Rogers, D.
Rogerson, H. M.
Russell, Mrs. T. G.
Russell, Miss M. A. N.

Savage, H. Clinton
Shaw, C. J.
Smith, Sir Joseph, C.I.E.
Smallwood, T. N.
Sperrin-Johnson, Professor
J. C., Litt.D.
Stevenson, Mrs. J. M.
Stevenson, Miss E.
*Stevenson, Lieut. J. M.
Stevenson, R. S.
Stewart, Hon. W., M.L.C.
Stride, Dr. S. A.
Sullivan, J. J.

Thomas, N. R. W.
Thorburn, G. C.
Tomlinson, L. H.
Turbott, E. G., M.Sc.
Turner, E. C.

Upton, Mrs. Selwyn.
Upton, P.

Vaile, E. Earle.

Walker, A. Howey.
Wells, J. F.
Wells, T. U., M.A.
Williamson, Julius W.
Wilson, J. M.
Wilson, Martyn.
Wilson, Mrs. R. M.
Wilson, W. R.
Winstone, F. M.
Winstone, W. P.
Wood, Rt. Rev. C. J., D.D.
Worley, R. P. M.Sc.
Wylie, D. S.
Wynyard, M. H.

Yates, E.
Yates, E. W.

AIM Ann Report 1939 to 1940

MEMBERS.

- Abbott, Dr. D. W. N.
Abbott, R. A.
Abel, R. S.
Acheson, Judge F. O. V.
Adams, O. Gore.
Adams, Miss O. L. G., M.Sc.
Aekins, K. C.
Alexander, The Hon. J., C.M.G.,
M.L.C.
Alexander, L. W.
Allen, J. M.
Allen, M. C.
Allum, J. A. C.
Ambler, F. N.
Anderson, A. R., M.Sc.
Anderson, C. W.
Anderson, Professor W., M.A.
Andrews, Dr. J. C., M.Sc.
Annett, Dr. H. E.
Ardern, P. S., M.A.
Armitage, F. L.
Arthur, T. B.
Ashby, T. W. M., A.A.I.S.
Ashcroft, Miss E. B., M.Sc.
Ashe, Miss C.
Ashton, E. D.
Astley, J.
Atkinson, H. G.
Attwood, J. E.
Averill, Most Rev. Archbishop
A. W., D.D.
Axford, Dr. M.
Axford, Mrs. E. M.
- Baker, C. C.
Barfoot, K.
Barrett, Miss M.
Barr, J.
Bates, J.
Baylis, Dr. G. T.
Beggs, D.
Bell, A. F.
Bell, G. B., B.Sc.
Beresford, G.
Bigelow, J. H.
Binney, E. H.
Binsted, H.
Bishop, L.
Bishop, T. A., B.A.
Biss, Raymond.
Black, Rev. Bower.
Blair, R. F.
Blake, E. V.
Blomfield, E. C.
Blomworth, The Hon. T.,
M.L.C.
- Borrie, Dr. W. Gillies, M.C.
Brame, J. W.
Brien, Mrs. M.
Brodie, P.
Brookes, G. R.
Brown, A. St. Clair.
Brown, Dr. J. F.
Browne, R. A. S.
Buddle, C. B., LL.B.
Buddle, Major G. A., D.S.O.
Buddle, Mrs. B.
Bull, Mrs. F.
Bullen, Dr. K. E.
Burbidge, Professor P. W.,
M.Sc.
Buxton, E. B.
- Cadman, F. B.
Campbell, Mrs. J. P.
Caradus, W.
Carpenter, J. M.
Carr, Austin.
Caughey, J. Marsden.
Chamberlain, Dr. E. E.
Chappell, Rev. A. B., M.A.
Chatfield, Dr. H. A.
Christmas, A. W.
Clare, Mrs. M. J.
Clark, A. K. M.
Clark, A. McCosh.
Clark, Miss K. M.
Clark, R. C., M.A.
Clavis, W. G.
Clemesha, Col. W. W.
Clive, E. A.
Clouston, Miss L.
Coates, R. J., LL.B.
Coe, James.
Colbeck, W. B.
Coldicutt, Dr. C. E. A.
Colgan, Rev. Father G. M.
Coltman, W.
Colwill, Mrs. H.
Cooke, A. G.
Cooper, A. N.
Coulthard, F. E., B.Sc.
Court, A. J.
Court, J. W.
Cowell, E. G.
Cranwell, Miss Lucy, M.A.,
F.L.S.
Creagh, G. C.
Crowther, W. J.
Cunningham, A. D.
Cunningham, Dr. G. H., M.Sc.,
F.R.S.N.Z.

AIM Ann Report 1939 to 1940

Dale, T. J.
Darlow, W. B.
Davis, The Hon Eliot R.,
M.L.C.
Dawson, Bertram.
*Dawson, Lieut.-Col. T. H.,
C.M.G., C.B.E.
Dell, R. K.
Delph, L. W., M.C., M.A.
de Lisle, Rev. F.
Dempsey, J.
Dingley, G.
Director, Rev. Bro. (Sacred
Heart College).
Dix, H. R.
Doust, Mrs. E.
*Dove, Major W. W., M.C.
Duthie, A. K.
Duvall, F. C.
Earl, F., K.C.
Easdown, Thomas.
Eastgate, H.
Elliffe, J. M.
Elliott, Sydney J.
Ellison, Miss D.
Enwright, J. J.
Eriksson, Miss E.
Evans, D. M.
Farrell, R. L.
Fenwick, Dr. G., O.B.E.
Ferguson, A. M.
Fielder, F. H. V., B.Sc.
Finlay, G. P.
Firth, C. W., M.Sc., Assoc. M.
Inst. C.E.
Firth, W. H. B.
Fischmann, Dr. E. J.
Fisher, F. S.
Fisher, V. F.
Foote, W. J.
Ford, C. R., F.R.I.B.A.
Forder, Professor H. G.
Fowlds, W. F., M.C.
Fraser, L. F.
Frater, James H.
Frater, J. W.
Friedlander, A. J.
Frost, E. T.
Furness, C. H.
Galbraith, C. E.
Gatty, H.
Gaze, N. S.
Geddes, Miss M. A.
Gee, W.
Gentles, J. A.

George, H. J. C.
Gilfillan, H.
Gillies, A. W.
Gillies, C. L.
Gillman, Miss A. M.
Gilmour, Dr.
Glasse, A. O., M.C.
*Gleeson, Lieut. N., N.Z.D.C.
Goldie, H.
Goldstein, Dr. H. M., M.C.
Gordon, Dr. F. W.
Graham, A. G.
Grant, Dr. A. McGregor.
Gray, Allan A.
Gray, W. A., M.C.
Gribbin, G.
Griffin, Miss E. M.
Griffin, K. M., M.Sc.
Gross, R. O., C.M.G., A.R.B.S.
Gunson, Sir James, C.M.G.,
C.B.E.
Gwynne, Dr. F. J.
Hacket, R. M.
Haddow, L. B.
Hall, T. A. Chappe.
Hamblin, P.
Hanna, Mrs. N.
Harbutt, S. J.
Harper, H. B.
Harrison, R. A.
Harrison-Smith, L.
Harvey, A.
Hay, Douglas.
Heap, W. A.
Hellaby, J. A. B.
Hellaby, John.
Hemingway, W. H., LL.B.
Henning, G.
Herdman, Hon. Sir Alexander
Hesketh, H. R.
Hill, J. C.
Hills, F. M.
Hogwood, L.
Holderness, D., M.Inst.C.E.
Holloway, Miss M.
Holmden, Dr. H. F.
Hooker, O. L.
Hooper, A. H.
Horne, P. D., B.Sc.
Horne, W. S.
Horsley, A. J.
Horton, E.
Hounsell, W. K., M.P.S.
Hudson, Dr. J. S.
Hull, Commander F. A.
Hume, Alan.

AIM Ann Report 1939 to 1940

Humphreys, A.
Hutchinson, Major G. R.,
O.B.E.

Ibbertson, H. P.

Jackson, T.
Jenkins, C. E.
Jenkins, C. H.
Johns, A. I.
Johnson, H. B.
Johnston, J. B.
Johnstone, A. H., K.C.
Julian, T. G.

Kalaugher, J. P.
Kealy, J. W.
Kelliher, H. J.
Kenderdine, Miss E.
Kenderdine, Mrs. J.
Kent, A.
Kibblewhite, Miss E. F.
King, R.
King-Mason, Miss E.
Kingston, J. J.
Kirker, Dr. Alex. H.
Kirker, H. R., LL.B.
Knight, Professor C. R., M.A.,
B.Arch., A.R.I.B.A., A.N.Z.I.A.
Kohn, E. S.

Lamb, Dr. O. Fyffe.
Lancaster, Professor T. L.,
M.Sc., F.L.S.

La Roche, Mrs. E., B.Sc.
Laurenson, Rev. G. I.
Lavelle, Rev. Michael.
Laws, C. R., D.Sc.
Lee, L. P.
Lee, M. G.
Lees, C. S.
Leonard, F. H.
LeRoy, E.
Lewisham, W. E.
Leyland, S. H.
Lichtenstein, M.
Littlejohn, C. M., M.Sc.
Lomas, G. R.
Louisson, M. M.
Low, T. A.
Lowe, James.
Luke, G. H.
Lusk, H. B., M.A.

Macdonald, Mrs. W., M.A.
Mackenzie, Dr. Bruce.
Mackenzie, Kenneth, M.D.,
F.R.C.S.

Macky, J. V.
*Macky, Lt.-Col. N. L., M.C.
Macky, T. H.
MacMurray, Ven. Archdeacon,
M.A.
McClymont, Miss J.
McGregor, Professor W. R.,
B.Sc.
McKenzie, F. E., M.C.
McKenzie, J. A.
McKinlay, J.
McLaughlin, Miss S.
McLennan, Mrs. J.
McVeagh, R.
Mair, S. A. R.
Makgill, Dr. R. H.
Malcolm, G. C.
Mappin, Mrs. F. C.
Massey, F. G., D.S.O., M.C.
Mead, A. D., B.E.
Melville, Miss E.
Meredith, V. R. S.
Metcalfe, G. H.
Millener, L. H.
Miller, Thomas.
Milligan, Colonel R. G., D.S.O.
Milne, Stewart.
Mitchelson, E. P.
Molesworth, Miss B.
Moore, Dr. A. E.
Morris, G. C.
Munro, L. K.
Murdoch, C. G.
Myers, B.

Nathan, C. I.
Nathan, D. L.
Nathan, L.
Neil, Dr. Hardie, D.S.O.
Nevill, Geoff.
Nevill, J. B.
Nicholson, O.
Nisbet, G. A.

O'Brien, W. J.
O'Connor, J. P.
Oram, C. W.

*Palmer, Capt. G. Blake,
N.Z.M.C.
Partridge, H. G.
Paterson, A. M.
Paterson, J.
Paykel, A.
Peacock, J. A.
Peat, F. O.
Perks, W. E.
Pezaro, Dr. M. G.

AIM Ann Report 1939 to 1940

Pike, A. L.
Pond, J. A., F.C.S.
Potts, N.
Pound, Miss D. W.
Pountney, T. P.
Powell, A. W. B.
Prendergast, E. J.
Priestley, M.
Priestley, M. E.
Pritchard, E. D.
Pudney, R. L.

Rae, D. M., M.A.
Rea, E. J.
Reed, Hon. Sir John Ranken,
C.B.E., V.D.
Reid, Stanley.
Rennie, J. C., LL.B.
Reyburn, J. H.
Richardson, J. D.
Ricketts, E. J.
Robb, Dr. D.
Robertson, Dr. E.
Roberts, C. V.
Robinson, H. T.
Ropiha, T. T.
Ross, A. A.
Rushton, G. R.
Russell, W. E.
Rutherford, Professor J.
Rutherford, Miss O. M.
Ryalls, G.

Sawer, Lieut.-Col. E. R.,
O.B.E., M.A., B.Sc.
Scobie, R. A., B.A.
Seabrook, J., A.F.C.
Seaman, A. M., F.P.A.,
F.I.A.N.Z.
Searle, E. J.
Segar, Professor H. W., M.A.
F.R.S.N.Z.
Shakespeare, Mrs. R. H.
Shannon, J. W.
Shaw, J. T.
Shipherd, Miss M.
Short, F. W., M.C.
*Shove, H. W.
Shrewsbury, H., M.A., LL.B.
Sinclair, G.
Skeet, H. M.
Sladden, Bernard.
Slade, Rev. W. G., M.A.
Smith, F. A.
Smith, G. M.
Spencer, N. B.
Spragg, G. W.
Spry, T. J.

Stanton, J., LL.B.
Stedman, A. L.
Stevenson, A. G.
Stewart, R. Leslie.
Stringer, Hon. Sir Walter.
Suter, A.
Syms, Miss E.

Taine, W. H. V.
Talbot, Dr. A. G., M.A.
Tattersfield, J. W.
Taylor, G. G.
Taylor, G. L.
Taylor, Dr. R. M. S.
Tewsley, Dr. C. H., C.M.G.
Thompson, K.
Thompson, T. E., B.Sc.
Thomson, W. J. A.
*Thomson, W. Laird
Tilly, C. S. R.
Tomlinson, C.
Tonkin, Mrs. O. M.
Tunks, C. J.
Turner, H.
Twigden, H. F. O.
Tyler, J.

Upton, Miss E. M.

Waddell, J.
Wade, Dr. Wallace.
Walker, Miss A.
Walker, A. Greville, Assoc. M.
Inst., C.E.
Walker, J. M.
Wallace, T. F.
Wallace, W.
Walsh, M. J.
Ward, R.
Ward, R. H.
Warnock, J. A.
Waters, F. McL.
Watt, A. H.
West, F. L. G.
Whetter, Dr. L. H.
Whillans, D.
White, George M.
White, P. C.
White, R. W.
Whitelaw, Miss A. W.
Whitney, C. A.
Wickens, C. P.
Williamson, C. R.
Wilson, A. M.
Wilson, J. A.
Wilson, Mrs. A. B.
Wilson, Mrs. E. W.

AIM Ann Report
1939 to 1940

Wilson, W.
Wily, H.
Winstone, G.
Wishart, R.
Worley, C. P.
Worley, Professor F. P., M.A.,
D.Sc.

Wright, Hugh.
Wright, Hugh C.
Wright, R.
Wyatt, C. H.

Yock, J.

The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year.

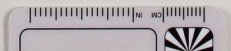
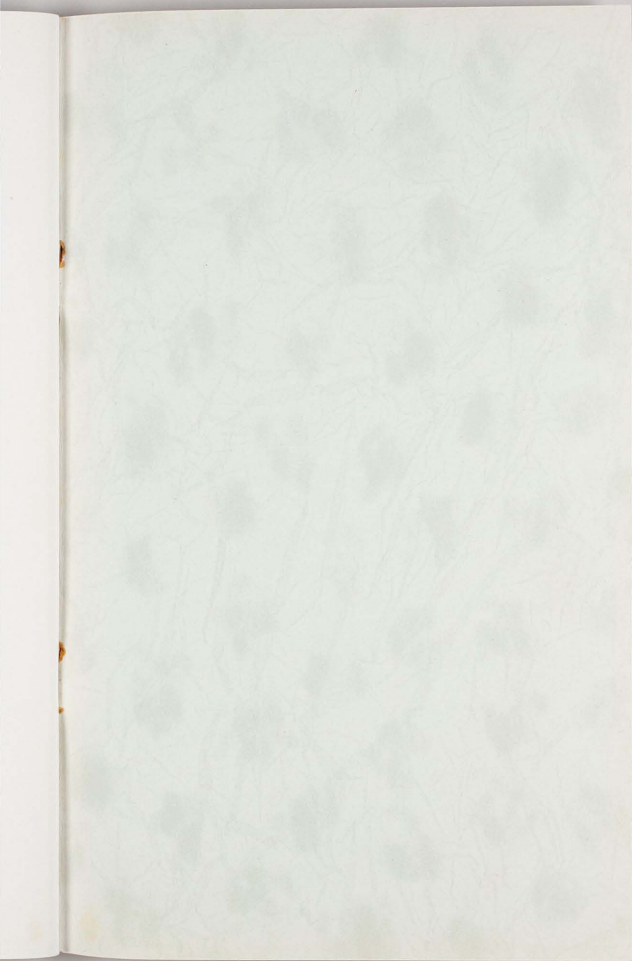
Money is urgently needed to widen its activities and increase its service to the community by the spread of knowledge among present and future citizens.

If additional help cannot be given now, a bequest would be of great value.

Form of Bequest.

I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of £..... free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

AIM Ann Report
1939 to 1940



AIM Ann Report
1939 to 1940

